

**DETERMINING A LOCATION BASED ON A CYCLIC BIT SEQUENCE
CONTAINING CONSECUTIVELY-PLACED IDENTICAL BIT-GROUPS**

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Abstract of the Disclosure

10 A location within a cycle is determined by reading a portion of a cyclic bit
sequence, the bit sequence containing several interspersed bit-group sets that each
contain a plurality of series that each consist of several consecutively-placed identical
bit-groups. On a data surface in a disc drive, each bit group can be stored and accessed
in unused bits of each servo sector's digital portion.